

1 / 1

**MENU** **SEARCH** **INDEX** **DETAIL** **JAPANESE****PATENT ABSTRACTS OF JAPAN**

(11)Publication number : 2000-072150

(43)Date of publication of application : 07.03.2000

(51)Int.Cl.

B65D 30/02**B32B 27/32****B32B 27/36****C08L 23/08****C08L 67/00**

(21)Application number : 10-243515

(71)Applicant :

**mitsubishi heavy ind ltd
shikoku kako kk**

(22)Date of filing : 28.08.1998

(72)Inventor :

**araki yozo
iriko masayuki****(54) PACKAGING BAG FOR REFRESHING DRINK**

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a resin laminate packaging bag with a non-oriented laminate film heat-sealed which is excellent in resistance to pin holes, resistance to a drop of the bag and smell barrier property.

SOLUTION: An outermost layer of a non-oriented laminate film is one kind of a resin or two or more kinds of resin mixtures selected from a group including Homo-PET, Co-PET, Homo-PBT and Co-PBT. An innermost layer is a copolymer of ethylene and 3-18C α -olefin. The copolymer has a melt flow rate of 0.1 to 50 g/10 minutes, a density(D) of 0.88 to 0.935 g/cm³ and an extrapolated melt termination temperature(Tem) of a melt peak obtained by differential scanning calorimetry in a range of 50 to 130° C. A relation between the extrapolated melt termination temperature(Tem) of the melt peak and the density(D) should satisfy Tem \leq 200D-60.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2000 Japan Patent Office